

Notice of Allowability

Application No.

09/897,414

Examiner

Le H. Luu

Applicant(s)

SATRAN ET AL.

Art Unit

2141

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed on 04/19/05 and interviewed on 06/20/05.
2. ☒ The allowed claim(s) is/are 1-7,9,10 and 12-14.
3. ☒ The drawings filed on 03 July 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

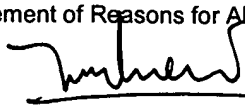
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 2005-07-07.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.


Le H Luu
Primary Examiner
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1. An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

2. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Jay M. Findelstein on June 20, 2005.

3. Delete claims 7-12 and substitute therefor:

-- 7. (Currently amended) A reading device including a plurality of RDMA engines each adapted to receive data packets of a transaction on a respective communication channel and each being responsive to receiving on the respective communication channel a final packet associated with the transaction for:

- (a) generating an interrupt such that a single interrupt is generated is for each RDMA engine receiving data, and
- (b) reporting to the reading device an amount of data received on the respective communication channel [[.]], and
- (c) computing a cumulative amount of data received by all RDMA engines that have generated respective interrupts.

8. (Cancel)

9. (Currently amended) The reading device according to claim 8 7, being responsive to all data having been received for completing processing associated with the transaction.

10. (Currently amended) A client-server system comprising:

a server,

a client machine remotely coupled to the server by at least two communication channels for receiving from the server data packets of a transaction that are transmitted to a reading device in the client machine, said reading device comprising:

a plurality of RDMA engines each adapted to receive data packets on a respective communication channel and each being responsive to receiving on the respective communication channel a final packet of the transaction for:

- (a) generating an interrupt such that a single interrupt is generated is for each RDMA engine receiving data, ~~and~~
- (b) reporting to the reading device an amount of data received on the respective communication channel [[.]], and
- (c) computing a cumulative amount of data received by all RDMA engines that have generated respective interrupts.

11. (Cancel)

12. (Currently amended) The client-server system according to claim 44 10, wherein the reading device is responsive to all data having been received for completing processing associated with the transaction.

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4. Pursuant to MPEP 606.01, the title has been changed to read:

-- A SYSTEM FOR COMPUTING CUMULATIVE AMOUNT OF DATA
RECEIVED BY ALL RDMA TO DETERMINE WHEN A COMPLETE DATA
TRANSFER HAS ARRIVED AT RECEIVING DEVICE --

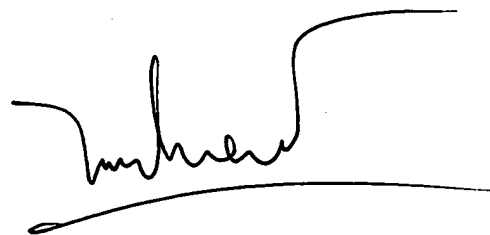
5. Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Le H. Luu whose telephone number is 571-272-3884. The examiner can normally be reached on 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571-272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Le Hien Luu', with a long horizontal line extending from the bottom of the signature.

LE HIEN LUU
PRIMARY EXAMINER

July 07, 2005